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(43) International Publication Date
7 April 2005 (07.04.2005)

PCT

(10) International Publication Number
WO 2005/031992 A1

- (51) International Patent Classification⁷: **H04B 1/036**

(21) International Application Number: **PCT/KR2004/002476**

(22) International Filing Date: **24 September 2004 (24.09.2004)**

(25) Filing Language: **English**

(26) Publication Language: **English**

(30) Priority Data:
10-2003-0068390 1 October 2003 (01.10.2003) KR

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): **AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.**

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): **ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).**

Published:
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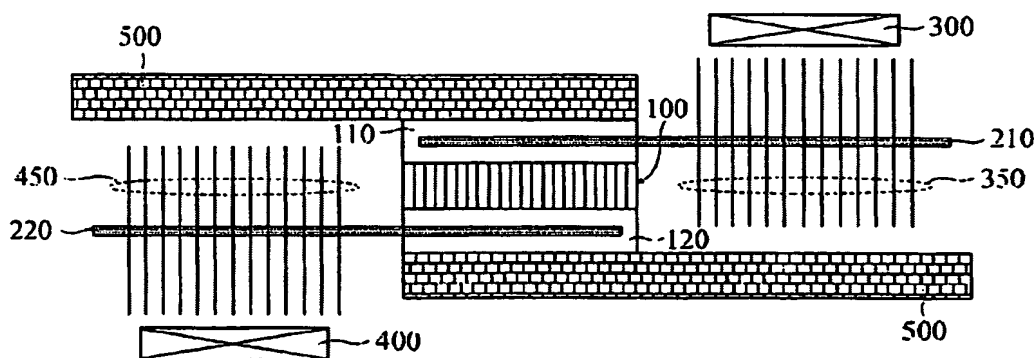
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Published:

— with international search report

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- (54) Title: COMPACT THERMAL EXCHANGE UNIT OF THERMO-ELECTRIC COOLING MODE USING HEAT PIPE



- (57) Abstract:** The present invention relates to a thermal exchange device using heat pipes to effectively discharge heat from inside of an open-air communication system. The present invention provides a plurality of heat pipes directly inserted between the plates of the thermo-electric cooling unit for accommodating a plurality of fins thereon. According to the structure suggested by the invention, since the heat pipes can be placed laterally with the thermo-electric cooling unit, the size of the overall communication system can be reduced with the same discharge capability.

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